

## ECS Configuration Change Request

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Page(s)

<b>1. Originator</b> Jim Davis	<b>2. Log Date:</b> 05/30/02	<b>3. CCR #:</b> 02-0443	<b>4. Rev:</b>	<b>5. Tel:</b> 757-864-7525	<b>6. Rm #:</b> 2303E	<b>7. Dept.</b> SAIC
<b>8. CCR Title:</b> Move /usr/ecs/MODE/CUSTOM/logs directory to /distribution partition on external RAID						
<b>9. Originator Signature/Date</b> Jim Davis /s/ 5/21/02			<b>10. Class</b> II	<b>11. Type:</b> CCR	<b>12. Need Date:</b>	
<b>13. Office Manager Signature/Date</b> Chris Wyatt /s/ 5/22/02			<b>14. Category of Change:</b> Initial ECS Baseline Doc.		<b>15. Priority:</b> (If "Emergency" fill in Block 27). Routine	
<b>16. Documentation/Drawings Impacted:</b> 922-TDL-006 Disk Partition			<b>17. Schedule Impact:</b>		<b>18. CI(s) Affected:</b>	
<b>19. Release Affected by this Change:</b> 6A		<b>20. Date due to Customer:</b>		<b>21. Estimated Cost:</b> None - Under 100K		
<b>22. Source Reference:</b> <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: LRC000000004553						
<b>23. Problem: (use additional Sheets if necessary)</b> Due to the limited disk space remaining on /data1, operations has to bounce the distribution servers on l0dis02 in all modes every 6 hours to keep cleaning up after operational logs start running out of disk space on /data1.						
<b>24. Proposed Solution: (use additional sheets if necessary)</b> l0dis02 has an unused external RAID partition /distribution. Three directories were created under /distribution reflecting the three modes: OPS, TS1, and TS2 correlating to /usr/ecs/<MODE>/logs. Log directories have been created under each of these modes' directories. All file/directory permissions for these three parent directories and their child logs' directory mirror what has been currently in use under /data1. (see next page)						
<b>25. Alternate Solution: (use additional sheets if necessary)</b>						
<b>26. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> Available disk space will remain limited on l0dis02:/data1 at less than 1%.						
<b>27. Justification for Emergency (If Block 15 is "Emergency"):</b>						
<b>28. Site(s) Affected:</b> <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
<b>29. Board Comments:</b>				<b>30. Work Assigned To:</b>	<b>31. CCR Closed Date:</b>	
<b>32. EDF/SCDV CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>33. M&amp;O CCB Chair (Sign/Date):</b> Gary Gavigan /s/ 6/4/02			<b>Disposition:</b> <b>Approved</b> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>34. ECS CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

## ADDITIONAL SHEET

**CCR #:**                      **Rev:**                      **Originator:** Jim Davis

**Telephone:**                      **Office:**

**Title of Change:** Moved /usr/ecs/MODE/CUSTOM/logs directory to /distribution partition on external RAID

Proposed Solution continued: By moving these logs directories off of /data1 to /distribution partitions 39% of the available disk space on /data1 was reclaimed for use by the ECS Custom code for future updates, patches and upgrades. /data1 is now using 61% of the available disk space on /data1. /distribution is a 26 GB partition and the logs directories will take up less than 1% of available disk space per 24 hour period before the logs are moved to l0dus01 and space is returned to the system. The current directory structure for ECS logs has not changed as far as any scripts or custom code are concerned. They still appear under /usr/ecs/<MODE>/CUSTOM/logs or /data1/<MODE>/CUSTOM/logs.